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IMAGERY
ANALYSIS
DIVISION

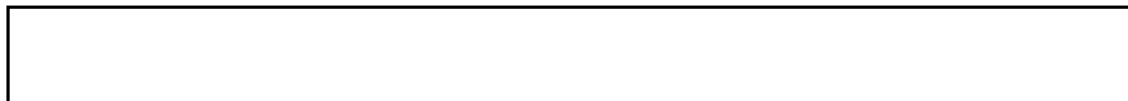
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PHOTOGRAPHIC INTELLIGENCE REPORT

POSSIBLE CRUISE MISSILE SITES,

NAMPO AREA, NORTH KOREA

Declass Review by NIMA/DOD



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CIA/PIR 61051

DATE October 1965

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POSSIBLE CRUISE MISSILE SITES,
NAMPO AREA, NORTH KOREA

Collateral information has indicated the possibility of a cruise missile site being located in the Nampo area, North Korea (38-43N 125-15E). Accordingly, a search was conducted on available good quality, clear, aerial photography to identify and confirm the location of the suspected site.

Two installations were found and identified as possible cruise missile launch sites. They are located at 38-34-20N 125-01-35E and 38-48-45N 125-08-30E, flanking the mouth of the Taedong River and overlooking Korea Bay (Figure 1). The sites are treated in detail, as separate installations, each with an accompanying graphic presentation in this report.

The possible qualification was applied to these sites because after research, interpretation, and mensuration, only a few items were found equating to known features of cruise missile sites. These were the length of an object in one of the revetted possible launch positions which closely equates to the known overall length of a cruise missile launcher; the diamond shaped configuration of the revetted possible launch positions; and the advantageous physical positioning of the two possible sites.

All measurements have been made by the NPIC Technical Intelligence Division, and are considered to be accurate within ± 5 feet or $\pm 5\%$ whichever is greater, except those measurements indicated by an asterisk (*) which are considered to be accurate within ± 10 feet or $\pm 10\%$, whichever is greater.

Possible Cruise Missile Site 1

38-34-20N 125-01-35E

This site is situated on a heavily wooded promontory, at an approximate elevation of 450 feet, overlooking Korea Bay and the mouth of the Taedong River (Figure 2). It is 15.1 nautical miles (nm) south-southwest of

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Possible Cruise Missile Site 2 and 20.6 nm southwest of Nampo.

The site, when identified in [REDACTED] consisted of five major components: a possible launch area; a guidance area; a support area; and barracks areas 1 and 2.

A definite negation date for the site cannot be established, but the first scars from earth moving are evident in [REDACTED]. In [REDACTED], no definite interpretation of the possible launch portion of the site can be made. The scarred area had increased greatly. Several buildings were evident in the support area as were all of the buildings in barracks area 2. In [REDACTED] the diamond shape of the possible revetted launch positions is becoming evident, several of the buildings immediately adjacent to the launch area were observed, and the road pattern in the site area had been improved. In [REDACTED], the revetted, diamond-shaped, possible launch positions are definite, the first evidence of a structure in the guidance area is seen, plus the first scarring for barracks area 1. In [REDACTED] the only prominent change discernible is four buildings in barracks area 1. The site was next observed in [REDACTED] and at this time it was identified as a possible cruise missile site. This was large scale, good quality photography, and provided the basis for the detailed description in the following paragraphs. When the site was last observed in [REDACTED] no major changes of significance had occurred.

The launch area contains two diamond-shaped, revetted possible launch positions. One position is a single revetment measuring 95 by 95 feet* and contains two unidentified vehicles/pieces of equipment, one [REDACTED] feet and the other [REDACTED]. The second position, 720 feet to the east, is comprised of two connected diamond-shaped revetments; one [REDACTED] and the other [REDACTED]. This position also contains two unidentified vehicles/pieces of equipment; one [REDACTED] and the other [REDACTED]. A longitudinal prepared surface, [REDACTED] in length, interconnects the two revetments. Both positions have a [REDACTED] at the rear of the revetments. Several buildings are located between positions and the support area. The largest of these measure [REDACTED] with a 30 by 5 appendage, [REDACTED].

* ± 10 feet or 10%, whichever is greater.

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The guidance area is a walled enclosure measuring [] and has two probable [] into the hillside. Two unidentified objects are in the enclosure, one approximately [] and the other approximately []. The guidance area is 430 feet from the single revetment possible launch position and 330 feet from the double revetment possible launch position.

The support area contains six buildings. These measure [] 60 by 15 feet, [] feet with a [] entranceway.

Barracks area 1 contains one building [] and 10 buildings 35 by 15 feet with 14 more of the same size under construction. Barracks area 2 contains 14 buildings measuring 45 by 20 feet.

Possible Cruise Missile Site 2

38-48-45N 125-08-30E

This site is situated at the highest elevation, approximately 100 feet, of a small, wooded island, overlooking Korea Bay and the mouth of the Taedong River (Figure 3). It is 15.1 nm north-northeast of Possible Cruise Missile Site 1 and 13.6 nm west-northwest of Nampo.

The site, when identified as a possible cruise missile site in [] consisted of three major components: a possible launch area; a possible guidance area; and a possible support area.

The site was not evident on Coastal Oblique Photography of []. The road pattern, several of the buildings, the diamond shape of the possible launch revetments, and the clearings of the possible guidance area were visible in [] but no detailed interpretation can be made. In [] the site appears relatively unchanged from its present configuration except for the lack of the possible support area. An unidentified object is present in each revetted possible launch position. In [] the site appears complete with the possible support area having been added. Between [] and when the quality permits, an object is observed in each revetted possible

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launch position. The site was identified in [redacted] from large scale, good quality photography and provided the basis for the detailed description in the following paragraphs. When the site was last observed in [redacted] it appeared unchanged and an unidentified object was apparent in each revetted possible launch position.

The launch area contains two diamond-shaped, revetted, possible launch positions 1,025 feet apart. The northern revetment measures [redacted] and contains an unidentified object measuring [redacted]. The southern revetment measures 80 by 70 feet* and contains an unidentified object [redacted] feet in length, closely approximating that of a cruise missile launcher. No further determination of detail of the object is possible.

Located approximately midway between the possible launch positions is a group of four, possibly five, small clearings which could possibly constitute a guidance area. None of the clearings contain any objects or equipment.

A group of buildings behind the northern possible launch revetment could possibly be a support area. The larger of these measure [redacted] an "L" shaped building with the largest dimensions [redacted] and another "L" shaped building with the largest dimensions [redacted]. Behind the southern possible launch revetment are several buildings, two of which measure [redacted]

At the northern end of the island are three large buildings measuring [redacted]

* ± 10 feet or 10%, whichever is larger.

POSSIBLE CRUISE MISSILE SITE 1

Barracks Area 1

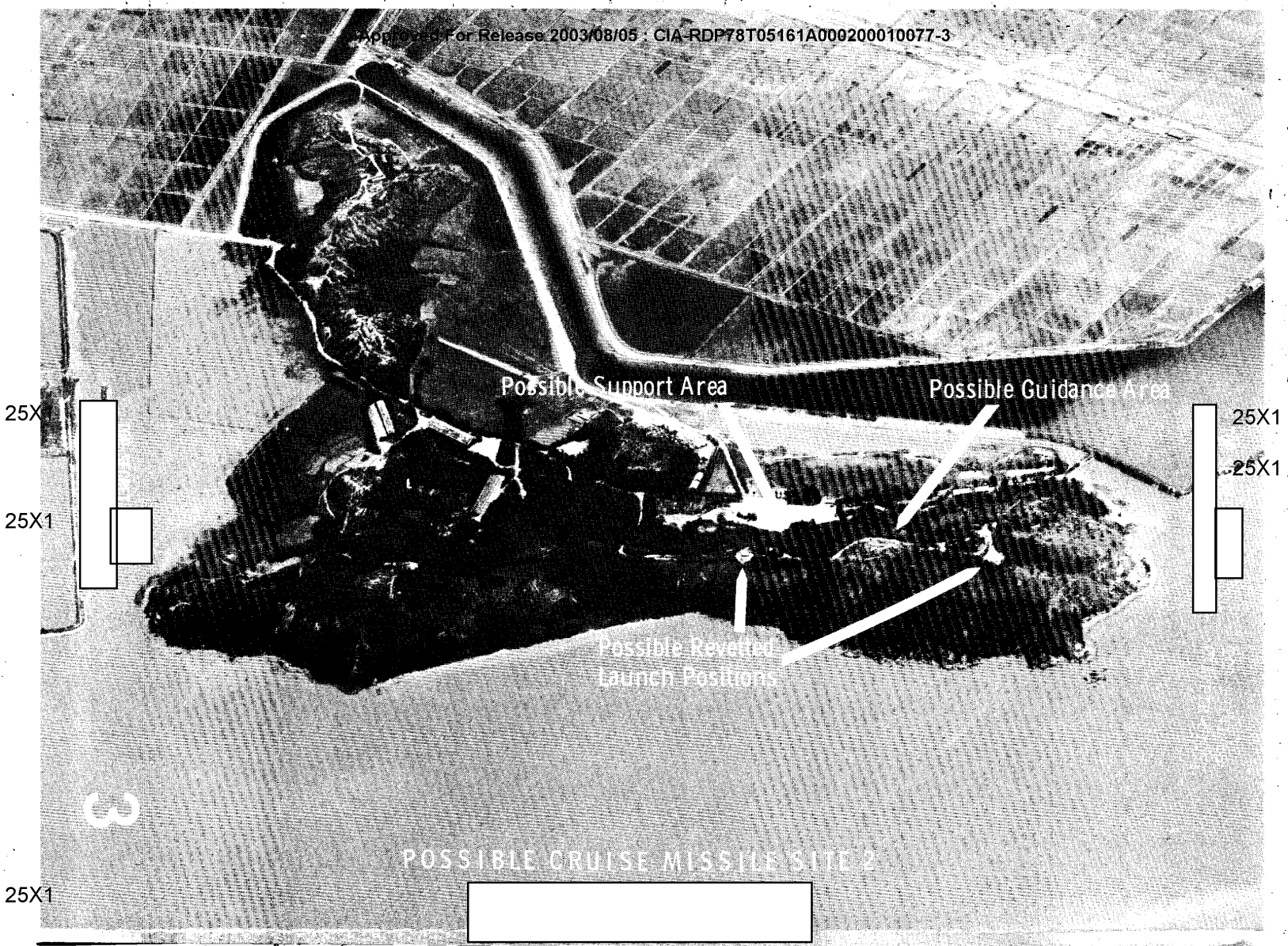
Support Area

Barracks Area 2

Guidance Area

Possible Revetted
Launch Positions

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MAPS and CHARTS

USATC - Series 200, Sheet M0380-7HL, 3rd edition, January 1965, Scale
1:200,000 (SECRET)

USAF Operational Navigation Chart, Sheet G-10, 1st edition, 11-60,
Scale 1:1,000,000

REQUIREMENT

C-CI5-82,857

CIA/IAD PROJECT

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